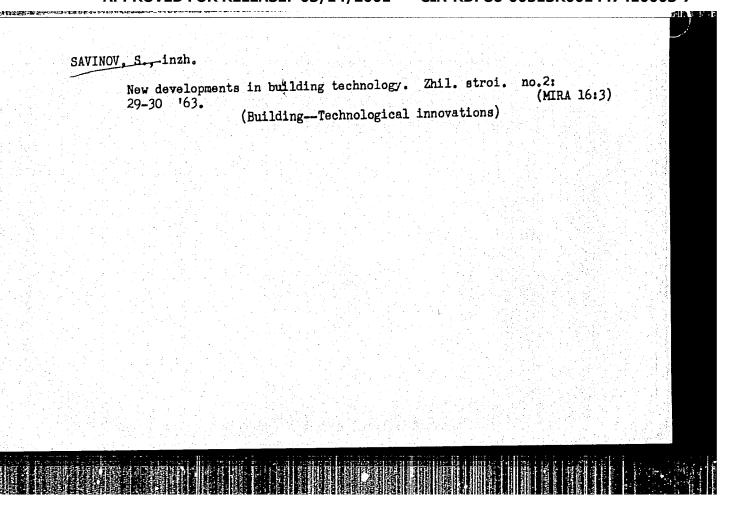
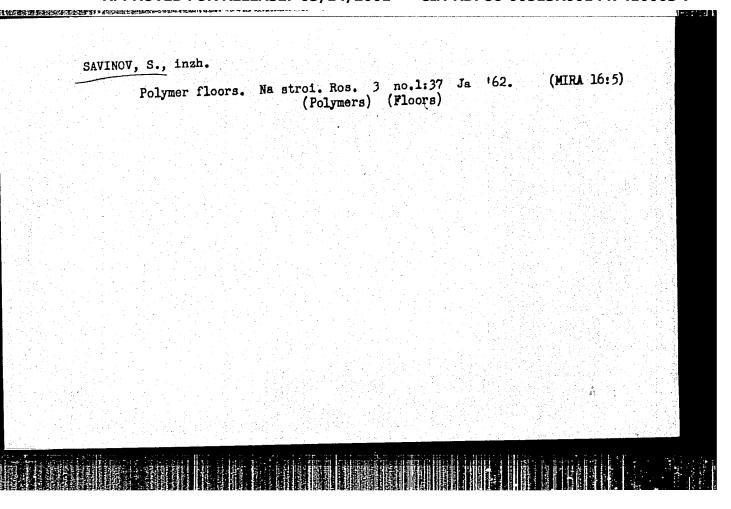


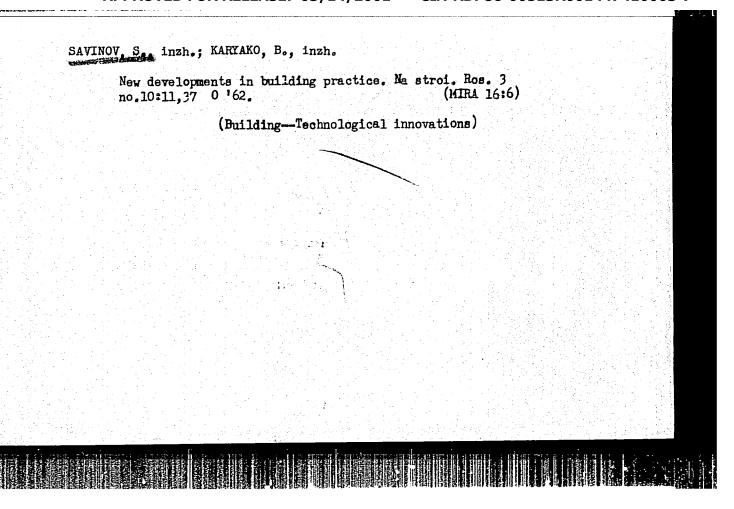
PFUL', B., inzh.; SAVINOV, S., inzh.

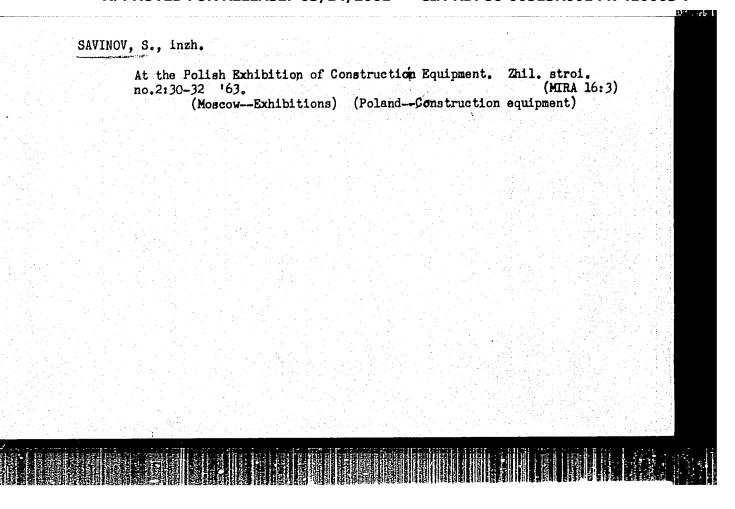
Small equipment for finishing work in Czechoslovakia. Zhil. stroi. no.l:
(MIRA 16:2)
30-31 '63.

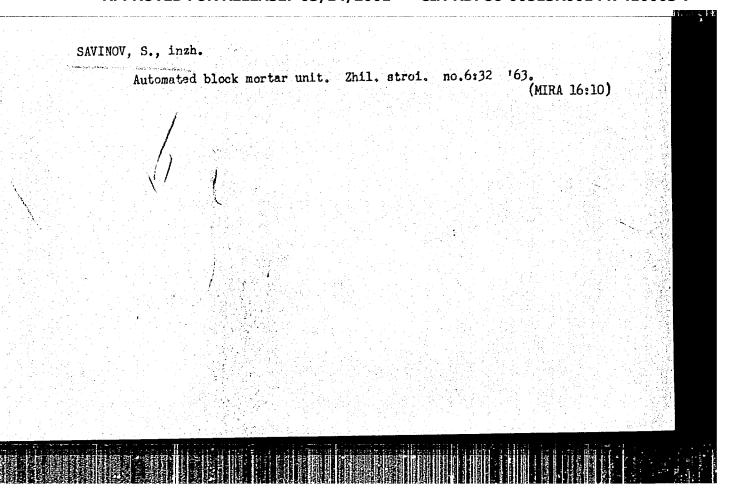
(Czechoslovakia—Building—Tools and implements)









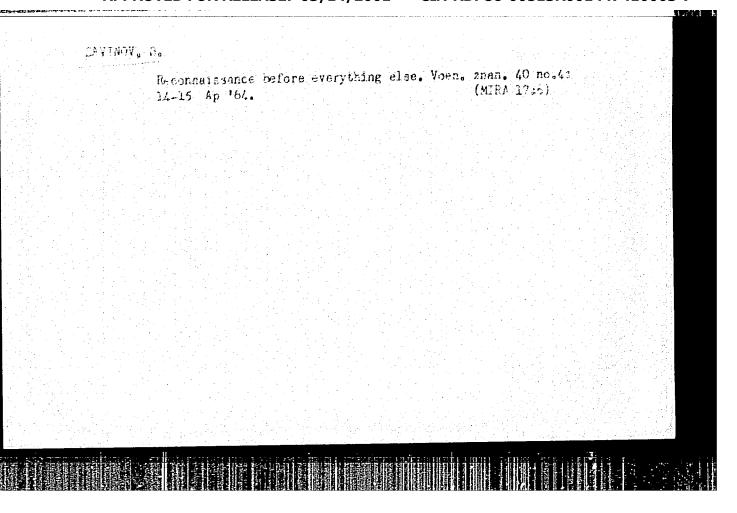


SAVINOV, S., inzh.

With a guarantee of high quality. Na stroi. Ros. no.12:34 D '61.

(Moscow—Apartment houses)

(Precast concrete construction)



SAVINCY, S.F., Cand Tech Sci — (dies) "Filtration concrete dams on foundations of personbility." Gor'kiy, 1957. 18 pp (Min of Nigher Education USER. Gor'kiy Construction Engineering Inst in V.P. Chkalov), 100 copies (M., 24-56, 120)

-61-

SAVINOV S. F. 21-5-15/26 Savinov, S.F. AUTHOR: Counterpressure on the Base of Concrete Dams Constructed on TITLE: Foundations of Insignificant Porosity (Protivodavleniye na podoshvu betonnykh plotin, raspolozhennykh na malopronitsayemykh osnovaniyakh) Dopovidi Akademii Nauk Ukrains'koi RSR, 1957, Nr 5, pp. 485-PERIODICAL: 488 (USSR) Experimental investigations have shown that the values of the ABSTRACT: filtration coefficient in concrete dams and cracked rock. grounds are commensurate and are of the order of 10-4 to 10-9 cm/sec. The author investigated the problem of filtration in concrete dams with the aid of an integrator of the ETAA -6/53 type in the Institute of Mathematics of the AN Ukrainian SSR under supervision of P.F. Fil'chakov. The author came to the conclusions that when the filtrative capacity is taken into account, the action of water on the concrete carcass should be re-considered and effects of various anti-filtrative measures should be re-evaluated. Another conclusion arrived at is that the linear law of pressure distribution along the dam base, commonly used at present in calculations, proves to be only a first approximation. However, deviations from Card 1/2

21-5-15/26

Counterpressure on the Base of Concrete Dams Constructed on Foundations of Insignificant Forosity

this law do not exceed 8%. The data of observation (Ref.3) also confirm the curvilinear law of pressure distribution. The article contains 1 table and 6 Slavic references.

ASSOCIATION:

Stalingrad Institute of Engineers of Local Economy

(Stalinhrads'kyy instytut inzheneriv mis'koho hospodarstva)

PRESENTED:

By G.N. (H.M.) Savin, Member of the AN Ukrainian SSR

SUBMITTED:

25 January 1957

AVAILABLE:

Library of Congress

Card 2/2

SOV/124-58-4-4334

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 4, p92 (USSR)

AUTHOR: Savinov, S. F.

TITLE: The Seepage of Water in Concrete Dams on Foundations of Small

Permeability in the Presence of Drainage Provisions (Fil'tra-tsiya vody v betonnykh plotinakh na malopronitsayemykh osnova-

niyakh pri nalichii drenazhnykh ustroystv)

PERIODICAL: Tr. Gor'kovsk. inzh. -stroit. in-ta, 1957, Nr 26, pp 63-89

ABSTRACT: The article represents a broad experimental investigation

devoted to the study of the influence of various drainage provisions (such as horizontal shafts, vertical drainage of the high-pressure side, drainage of foundation) on the character of the water seepage through the body of concrete dams. Considering the water seepage through the concrete as obeying the Darcy law and taking the concrete as a uniform material, the author has performed a considerable amount of investigations on the EGDA (electrohydrodynamic analog) equipment. Considerable influence of the horizontal shafts has been found on the seepage

conditions through the body of the dam. As a result thereof it card 1/2 is recommended that the horizontal shafts be located closer to

SOV/124-58-4-4334

The Seepage of Water in Concrete Dams (cont.)

the base of the dam, at a distance 0.2 of the dam width from the high-pressure side. The author proves the great and favorable influence of vertical drainage on the elimination of the water saturation of the dam. The diameter of drainage shafts is recommended to be equal to 0.25 m with the distance between the shafts of not more than 1.5 - 2.0 m. Detailed studies have been made on the subject of the influence of bottom drainage on the back pressure and on the reduction of exit gradients of the seepage flow. A number of suggestions relative to details of construction are offered with respect to the rational distribution of drainage provisions within the base of a concrete dam. The article gives approximate formulas for construction of graphs showing the back-pressure distribution in the presence of drainage provisions within the base.

A. A. Uginchus

1. Dams--Physical properties 2. Water--Penetration 3. Drainage--Effectiveness

Card 2/2

:14(6) AUTHOR:

Savinov, S.F., Engineer

sov/98-59-4-10/17

TITLE:

Counter-Pressure Exerted on Concrete Dams With Concrete Penetrability Taken Into Account (Protivodayleniye na betonnyye plotiny s uchetom pronitsayemosti

betona)

PERIODICAL:

Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 4, pp

40-42 (USSR)

ABSTRACT:

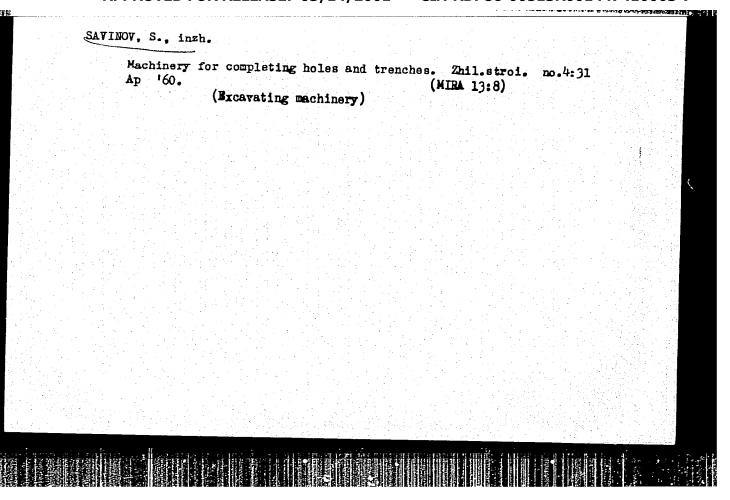
The article deals with testing the water filtration in concrete dam models having at their base an underground passage as well as a flat drainage system. The tests were carried out by an EGDA-6/53-type integrator designed by P.F. Fil'chakov and V.I. Panchishin. The proposed formulae and tables enable a quick determination of the counter-pressure exerted on the dam's spillway, which is important for the calculation of the dam's static stability and the length of its underground contour line. Should the underground contour line be definitely drafted, the

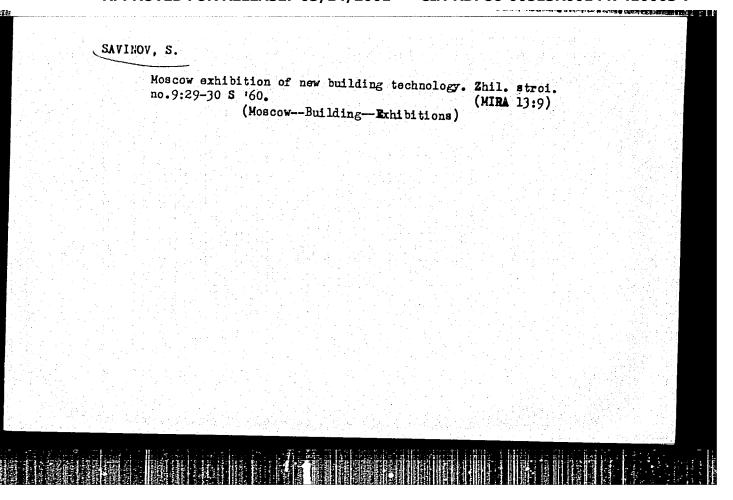
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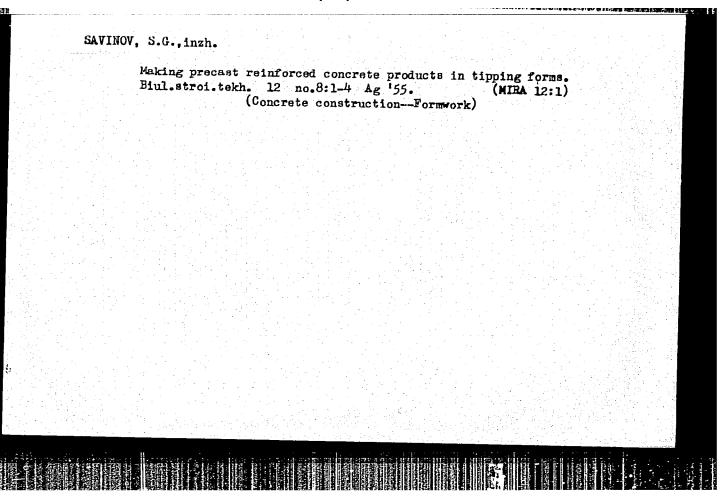
Counter-Pressure Exerted on Concrete Dams With Concrete Penetrabi-

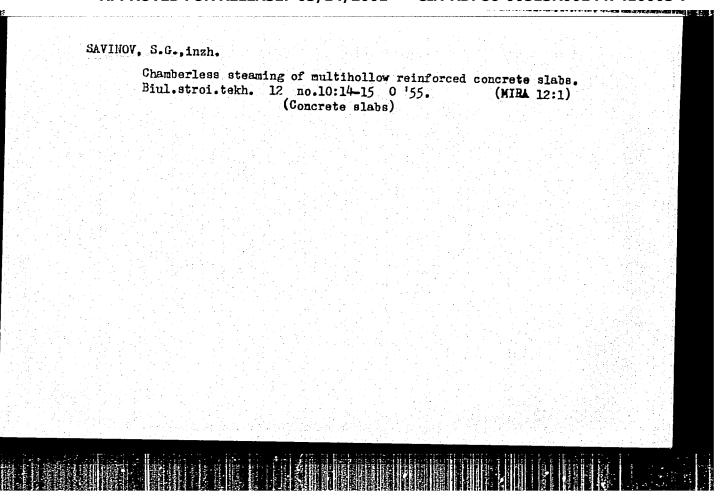
counter-pressure must be determined by the EGDA-method, which implies that the concrete penetrability must be taken into consideration. There are 2 diagrams and 3 tables.

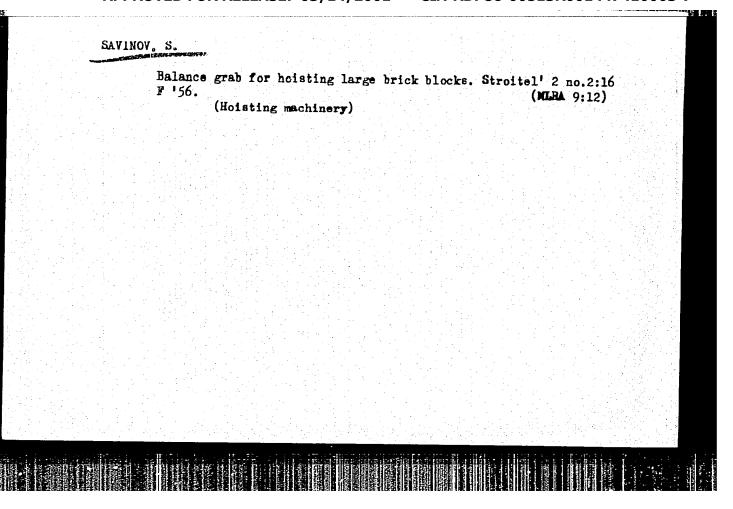
Card 2/2

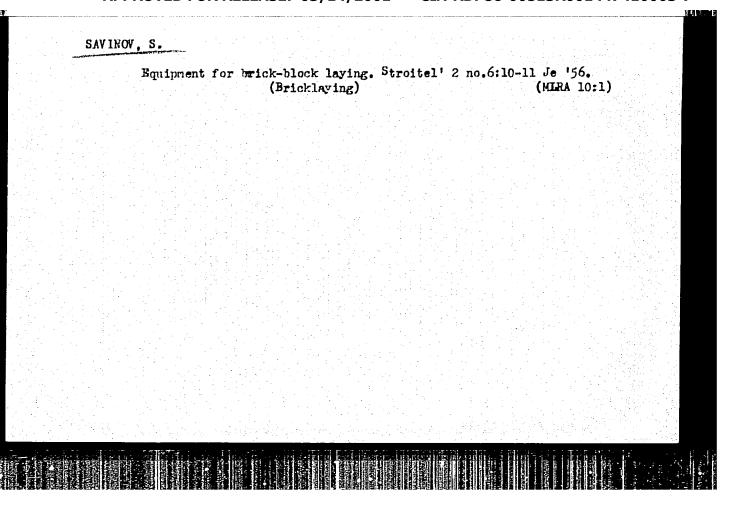








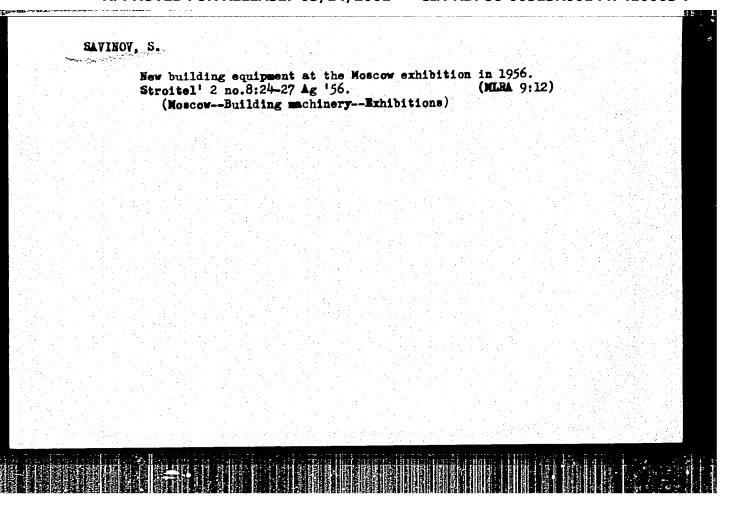




SAVINOV, S.

Bifficiency suggestions of electrician I.Proshkin. Stroitel' 2 no.7:19 J1 '56. (MIRA 10:1)

1. Starshiy inzhener nauchno-issledevatel'skoy stantsii Glavmos-stroya. (Drilling and boring machinery)



AVINCVS

123-1-721

Referativnyy Zhurnal, Mashinostroyeniya, 1957, Nr 1, p. 109 (USSR) Translation from:

AUTHOR:

Savinov, S.

TITLE:

General-purpose Portable Wood-working Machine Tool (Universal'nyy perenosnyy derevoobdelochnyy stanok)

PERIODICAL:

Sel'skiy stroitel', 1956, Nr 3, pp. 26-28; Sel'skoye stroitel'stvo, 1955, Nr 9, pp. 13-14

ABSTRACT:

A general-purpose portable woodworking machine tool designed by Nikulin, G. F., for cabinet-making, sawing, cutting tenons, planing, etc. is described. This machine is powered by an 2.5 to 2.8 kw electric motor with a belt drive. Its working shaft has a speed range from 3,500 to 6,100 RPM to suit the various requirements

of operation by changing the pulley of the motor. This machine tool is equipped with several auxiliary attachments which enlarge its field of application Ya.A.F.

Card 1/1

CIA-RDP86-00513R001447410003-7" **APPROVED FOR RELEASE: 03/14/2001**

SAVINOV, 5.G., inshener.

Conveying bricks from the brick factory to the construction site by means of pallets on trays. Biul.stroi.tekh.13 no.3:6-9 Mr '56.

(MIRA 9:7)

1.Nauchno-issledovatel'skiy sektor Glavmosstroya.

(Bricks--Transportation)

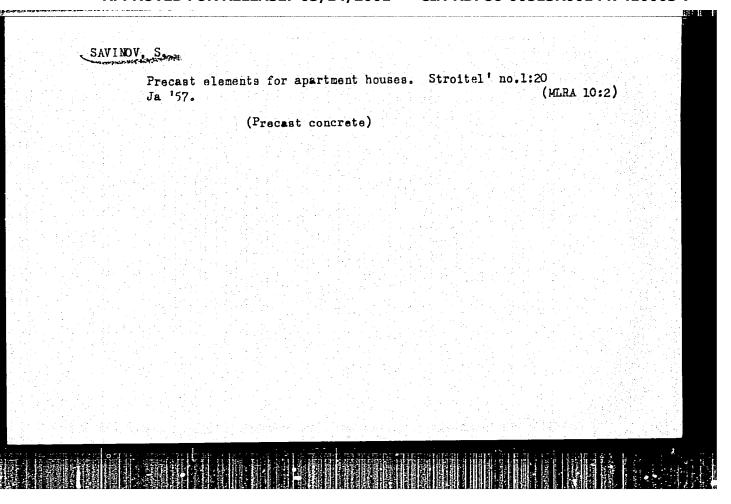
SAVINOV, S.G., inshener.

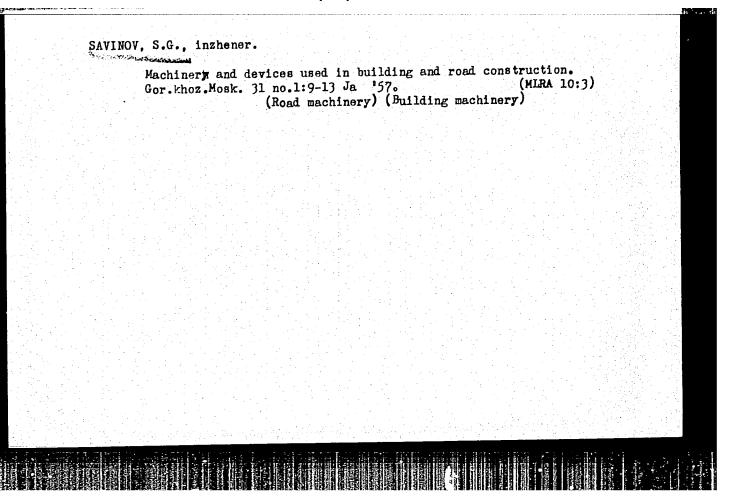
Economizing binding materials in facing work. Biul.stroi.tekh.13 no.10:24-26 0 '56. (MIRA 10:1)

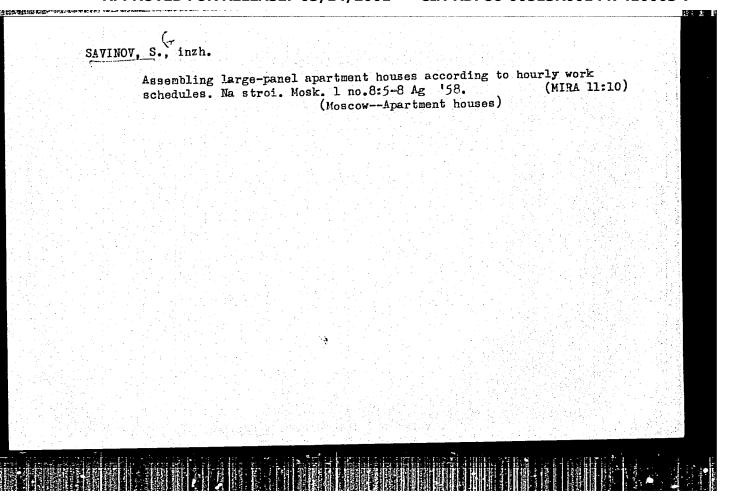
1. Nauchno-issledovatel'skaya stantsiya Glavmosstroya. (Binding materials) (Facades)

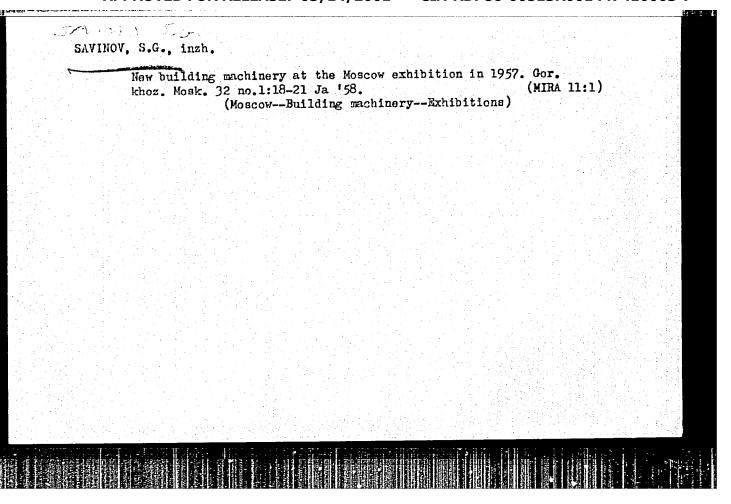
Improving the machinery and equipment for transporting brick with 1.P. Shirkov's method. Gor.khoz.Mosk. 30 no.4:26-28 Ap '56. (MERA 9:8)

1. Starshiy inzhener Normativno-issledovatel'skoy stantsii Glavmosstroya. (Bricks--Transportation)









SAVINOV, S.G., inzh.

Building machinery and equipment at the exhibition of 1958. Gor. khoz.

Mosk. 32 no.9:15-18 S '58.

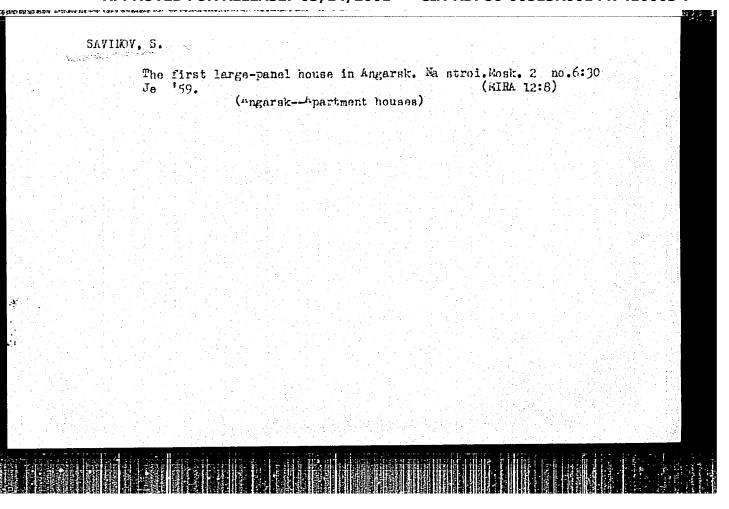
(Moscow--Building machinery--Exhibitions)

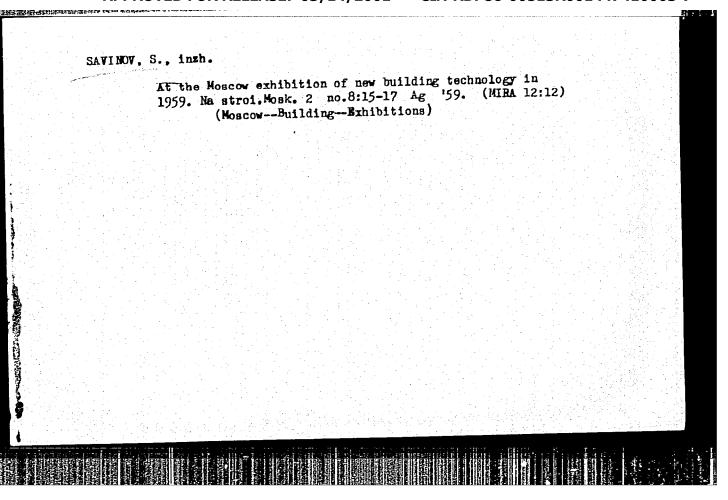
(Moscow--Building machinery--Exhibitions)

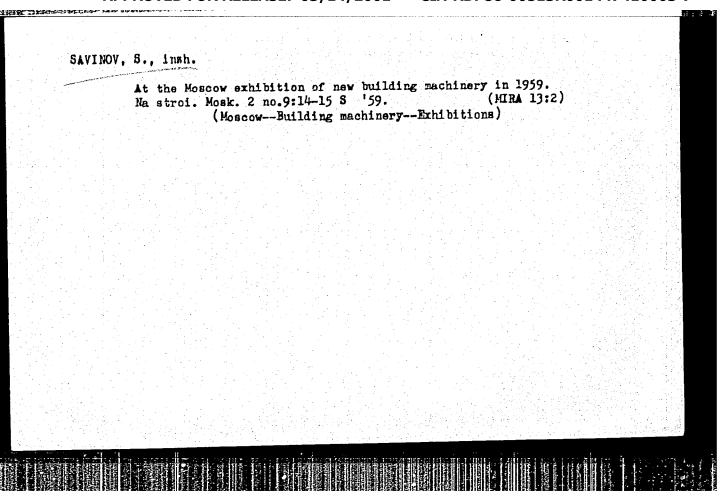
MERKLING, M.I., inzh.; SAVINOV, S.G., inzh.; STARUKHIN, N.M., inzh., nauchnyy red.; TYULENEVA, L.M., red.izd-va; OSENKO, L.M., tekhn.red.

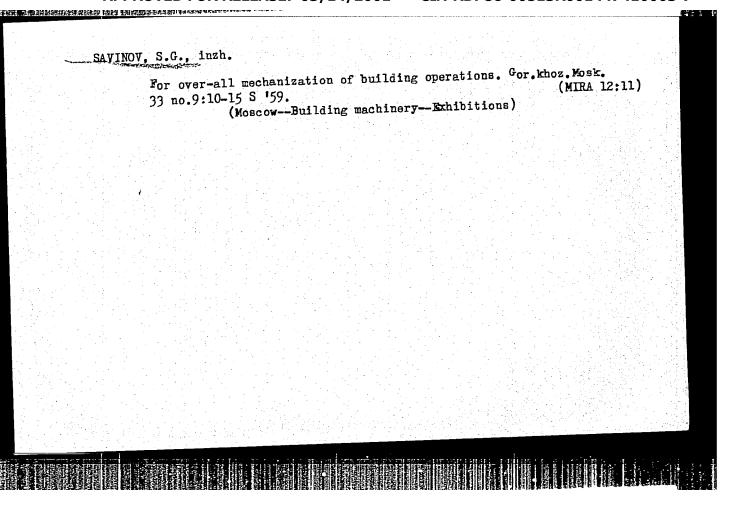
[Laying plank and parquet floors] Ustroistvo doshchatykh i parketnykh polov. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 155 p. (MIRA 13:2)

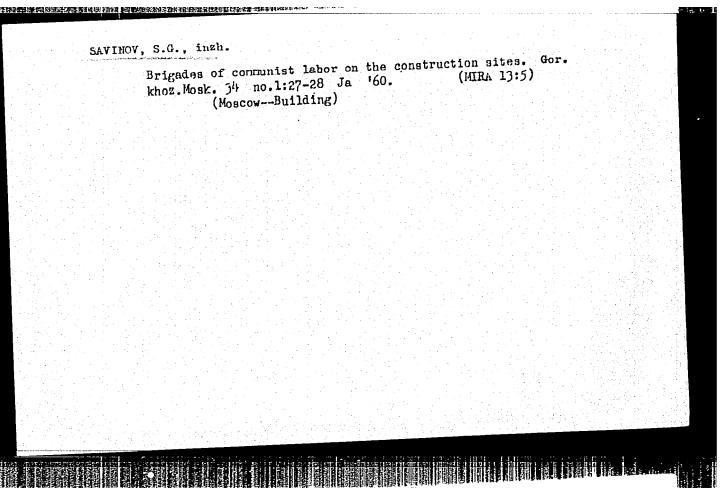
1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
(Floors)











DUBROVKIN, S.D., inzh.; BULYCHEV, G.G., doktor tekhn. nauk, nauchnyy
red. SAVINOV, S.G., red.; KARPOVA, Ye.A., tekhn. red.

[Study of the characteristics of plastic pipe laying in
water supply and sever systems in apartment houses.]

uster supply and sever systems in apartment houses.]

Issledovanila osobennostei prokladki plastmassovykh truboIssledovanila osobennostei prokladki plastmassovykh trubozdenii, Moskva, Sviaz'izdat, 1961. 49p. (Moscow. Glavnoe
zdenii, Moskva, Sviaz'izdat, 1961. 49p. (Moscow. Glavnoe
upravlenie po zhilishchnomu i grazhdanskomu stroitel'stvu.
Nauchnoe soobshchenie, no. 32).

(MIRA 16:11)

MERKLING, M.I., inzh.; SAVINOV, S.G., inzh.; ODINOKOV, S.D., kand. tekhn.
nauk, nauchnyy red.; TABUNINA, M.A., red.izd-va; ICNAT'YEV, V.A.,
tekhn. red.

[Laying plank and parquet floors] Ustroistvo doshchatykh i parketnykh polov. Izd.2., ispr. i dop. Moskva, Gos.izd-vo lit-ry po
nykh polov. Izd.2., ispr. i dop. Moskva, Gos.izd-vo lit-ry po
nykh polov. Izd.2., ispr. i dop. Moskva, Gos.izd-vo lit-ry po
nykh polov. Izd.2., ispr. i dop. Moskva, Gos.izd-vo
stroit.arkhit. i stroit. materialam, 1961. 159 p. (MIRA 14:12)
stroit.arkhit. i stroit. materialam, 1961. 159 p. (MIRA 14:12)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii,
mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.

(Floors)

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SAVILOV, S. I.

Savinov, S. I. - "On the problem of leaf actinometers of the 'Mikhel' type",
Turdy Glav. reofiz. observatorii, Issue ll., 1919, p. 5-20, - bioliog: 7 items.

So: U-h110, 17 July 53, (Letopis 'Znurnal 'nykh Statey, No. 19, 1919).

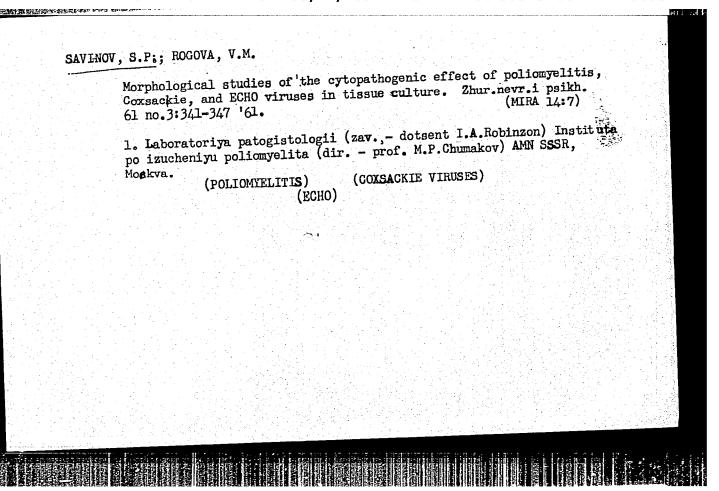
SAVINOV, S. I.

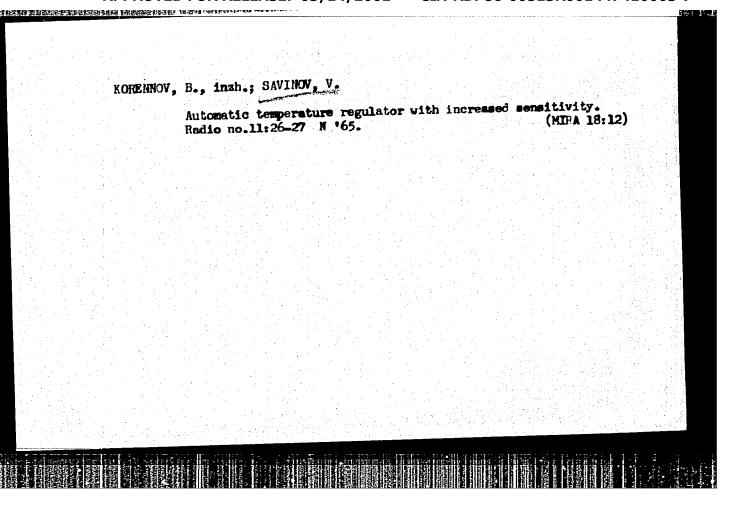
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Fauna verkhnikh svit srednego I nizov verkhnego karbona zhirnovskogo Podnyetiye Stalingradskoy Oblasti. Doklady Akad. Nauk Sssr. Novay Seriya, T. lxix,xiii;
No 1, 1949, c. 65-67

SO: Letopis' Zhurnal nykh Statey, Vol. 45, Moskva, 1949

SO: Letopis' Zhurnal nykh Statey, Vol. 45, Moskva, 1949





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Card 5/7		The State of

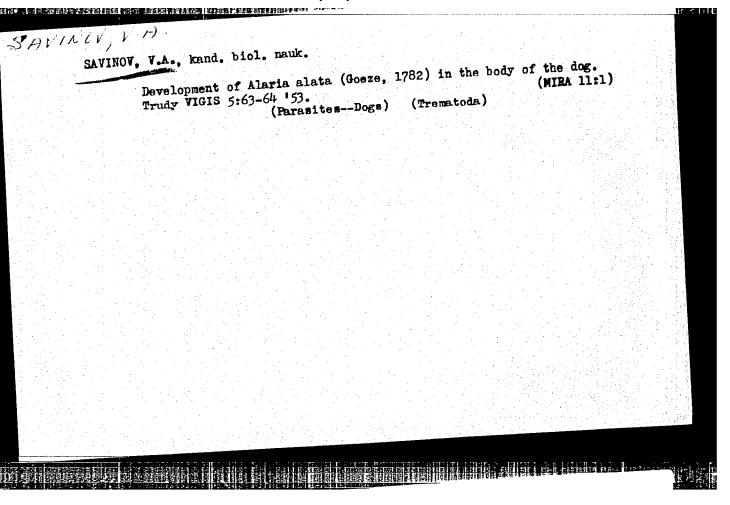
SAVINOV, V. A.

Trematoda

Skriabinomerus petrovi nov. sp., a new trematode from the intestines of moles. Trudy
Gel'm. lab. No. 5, 1051.

9. Monthly List of Russian Accessions, Library of Congress, September 1952, UNCL.

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COUNTRY CATEGORY A39. JOUR. AUTHOR INST. TITLE ORIG. PUB. ABSTRACT	Parm Animals. Silkworm RZBiol., No. 13, 1958, No. 59672 Savinov, V. A. On the Possibility of the Cultivation of the Chinese Oak-Feeding Silkworm under Conditions of Vologodskaya Oblast Tr. nauchm. konferentsii po izuch. Vologodsk. obl., Vologda, 1956, 250-255 Yologda, 1956, 250-255 The raising of the bivoltine form of silkworm and the obtaining of wintering cocoons (breeding material) on the leaves is perfectly possible if the feeding periods years, two generations can be reared on fresh leaves. The larvae of the 2nd generation of any stage except. The larvae of the 2nd generation of any stage except the first one can be fed supplementarily with dry the first one can be fed supplementarily with dry leaves prepared in the summer and soaked in cold wate leaves prepared in the summer and soaked in cold wate leaves prepared in the summer and soaked in cold wate leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in the summer and soaked in cold water leaves prepared in th	
CARD:	1/2	
COUNTRY	: USSR : Farm Animals. Silkworm	

SAVINOV, K.A.

USSR/Zooparasitology - Parasitic Worms

: Referat Zhur - Biologii, No 16, 1957, 70158

Author

: Petrov, A.M., Savinov, V.A.

Title

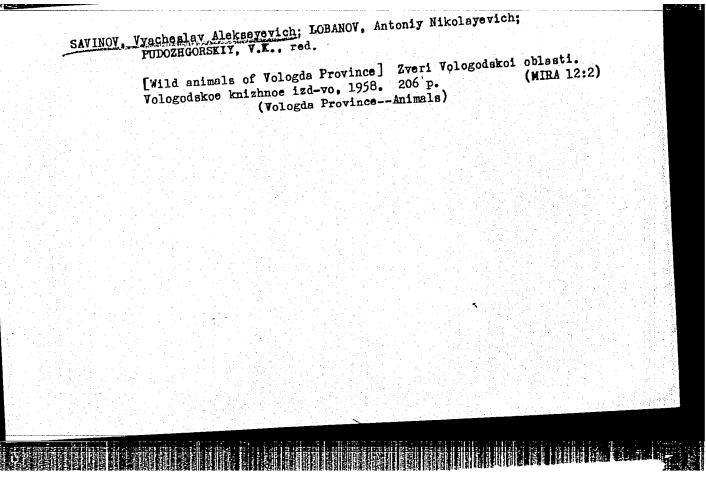
The Helminthic Fauna of Moles from the Vologod Region

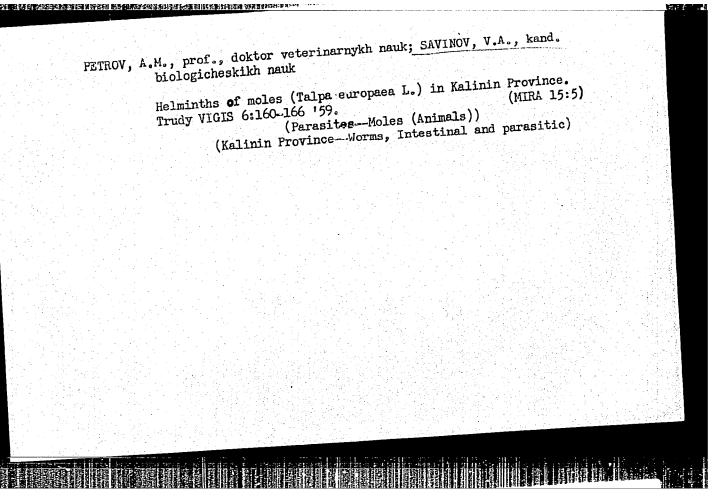
Orig Pub : sb. rabot. Vologod, 1956, vyp. 3, 107-115

Abstract

: The helminthic fauna of moles from the Vologod region (52 cases found) includes 10 forms: Skrjabinomerus perrovi, Ithyogonimus talpae, Metacircaria Alaria alata, (trematoda) Hymenoleptididae gen. sp. (cestoda), Parastrongyloides Skrjabini, Longistriata vigisi, the larvae of Porrocaecum sp., Thominx hepatica, Th. marii, and Capillaria sp. (Nematoda). The similarity of Vologodov and Kalinin regions was noted, (in helminthofauna).

Card 1/1





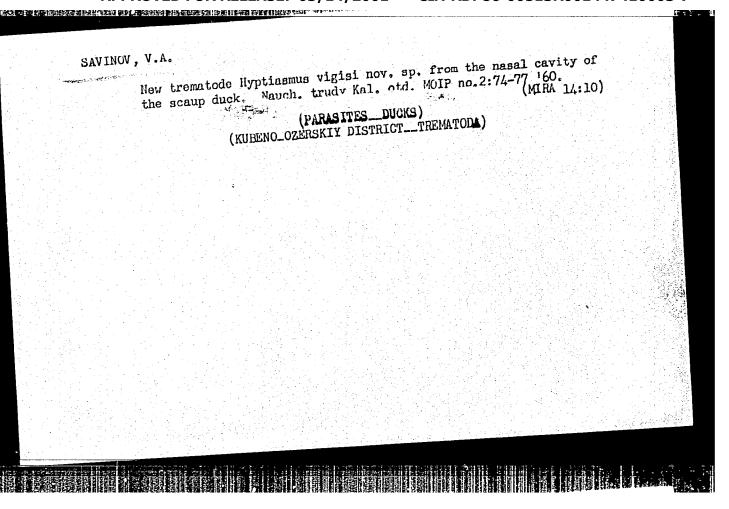
SAVINOV, V. A.

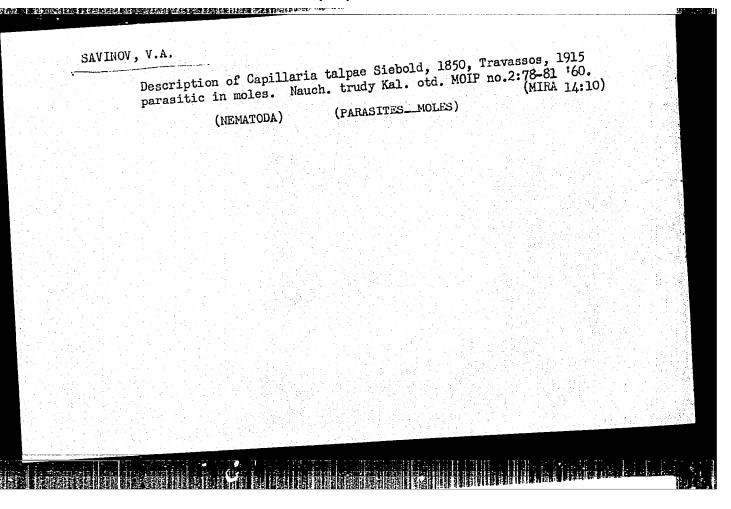
"Some General Patterns of the Fhasic Development of Helminths."

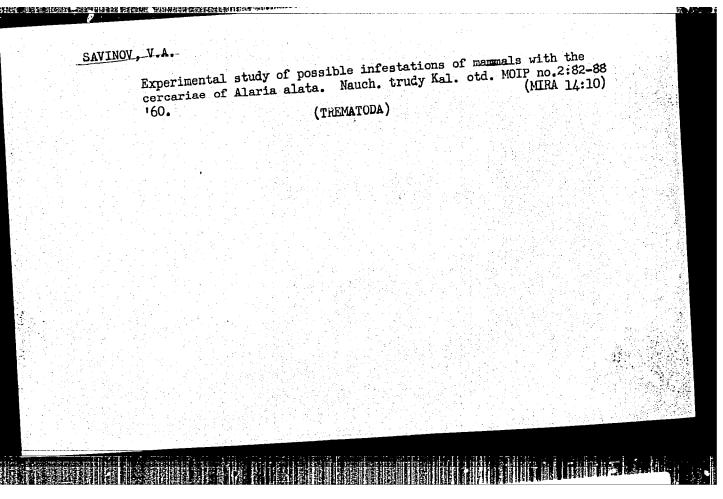
"Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Fublishing House of Academy of Reservoirs, USSR, Moscow-Leningrad, 1959.

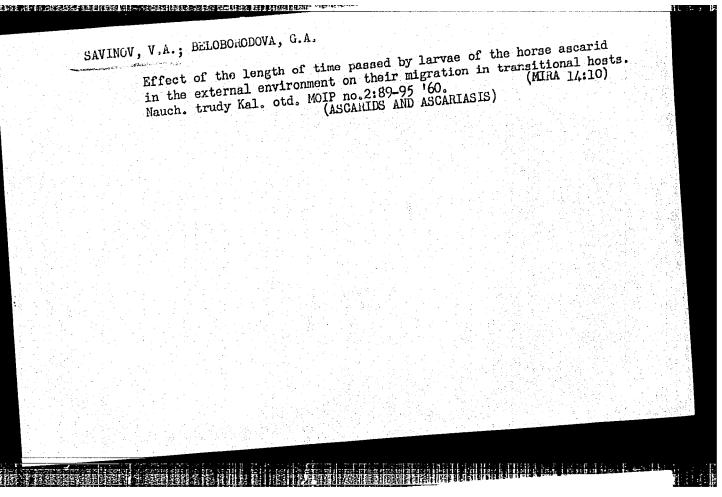
The Kalinin State Pedagogical Institute

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447410003-7"









SAVINOV. V.A.; GOLOVIN, O.V.

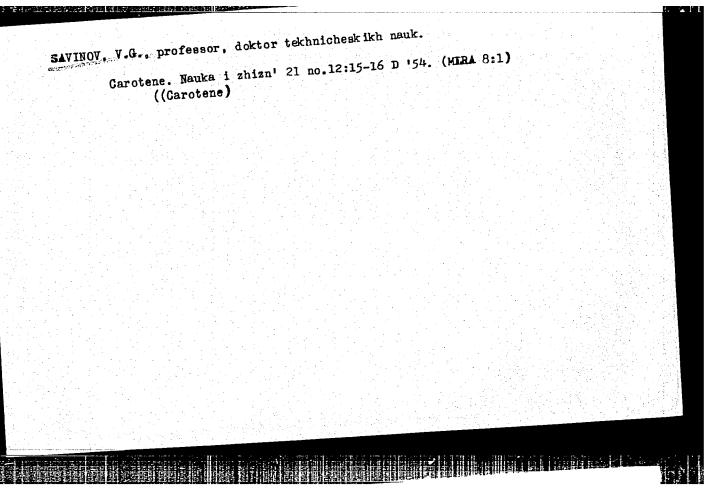
Trichinosis in wolves and holminths of predatory animals in Kalinin
Province. Nauch. trudy Kal. otd. MOIP no.2:97-99 '60. (MIRA 14:10)

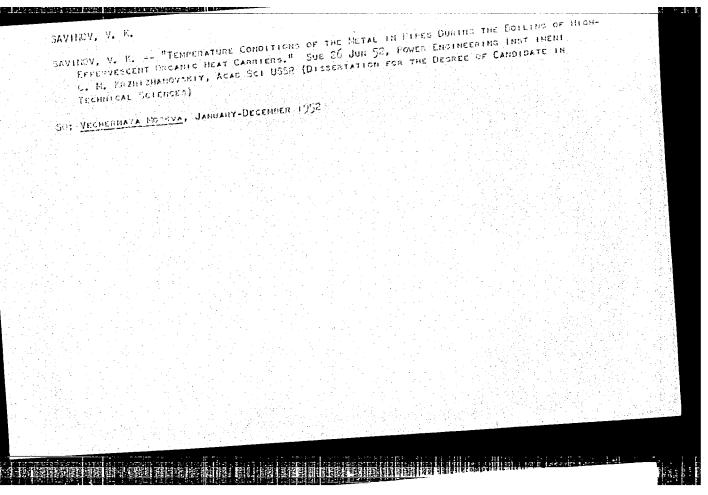
(KALININ PROVINCE WORKS, INTESTINAL AND PARASITIC)

(FARASITES - CARNIVORA)

- SAVINOV. V. G.; TRET YAKOVA, G. S.
- 2. USSR (600)
- 7. Bromination of carotene with N-bromosuccinimide. Ukr. khim. zhur. 17, No. 4,

9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.



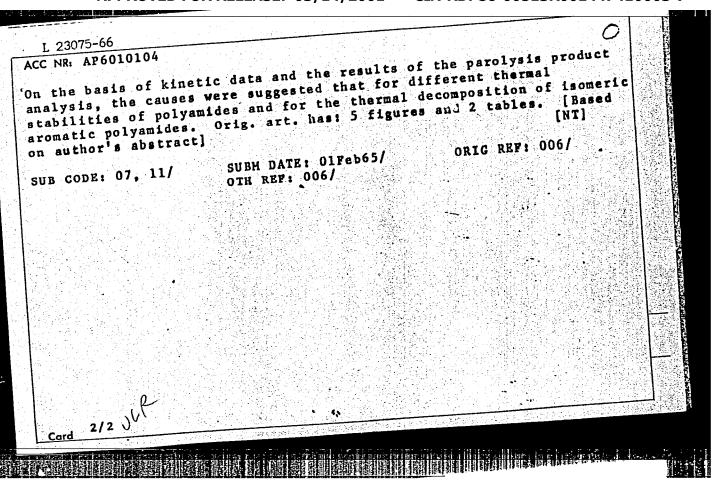


SAVINOV, V.M., nauchryy sotrudnik; SOKOLOV, L.B., nauchnyy sotrudnik

Use of plastics for manufacturing loom shuttles; review of
foreign publications. Tekst.prom. 21 no.12:78-79 D '61.
(MIRA 15:2)

1. Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh
smol. (Looms)
(Plastics)

L 23075-66 EWT(m)/EWP(j)/T WW/RM ACC NR 1010104 (A) SOURCE CODE: UR/0190/66/008/003/0380/0386	
ACC NR: AP6010104 (A) SOURCE CODE. SOKOLOV, L. B.i. 72	
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Loginova, V. I.; Belyakov, V. K., Loginova, V. I.; Belyakov, V. K., Lith anol)	
Loginova, V. I.; Belyakov, V. R.; Loginova, V. R.; Loginova, V. I.; Belyakov, V. R.; Loginova, V. Loginova, V	
(Viadimiliano)	
ORG: Vladimir Scientific Research (Vladimirskiy nauchno-issledovatel skiy institut sintett	
SOURCE: Vysokomolekulyarnyye soyednienzye, TOPIC TAGS: polyamide, terephthalic acid, pyrolysis, discarbolic acid, TOPIC TAGS: polyamide, terephthalic acid, pyrolysis, discarbolic acid, isomer, thermal stability, thermal effect, mass spectrometry, chroma- isomer, thermal stability, thermal effect, mass spectrometry, chroma-	
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most stable with para-isomers and UDC: 678.01:54+678.675	
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L 10420-67 EWT(m)/EWP(j) IJP(c) RM SOURCE CODE: UR/0413/66/000/015/0088/0088	
AUTHORS: Savinov, V. M.; Sokolov, L. B.; Lebedev, A. I.	
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ORG: none ORG: none TITLE: A method for obtaining polyamides. Class 39, No. 184441 / announced by TITLE: A method for obtaining polyamides. Class 39, No. 184441 / announced by TITLE: A method for obtaining polyamides. Class 39, No. 184441 / announced by TITLE: A method for obtaining polyamides. Class 39, No. 184441 / announced by TITLE: A method for obtaining polyamides. Class 39, No. 184441 / announced by	考 :
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Vladimir Scientific Research Institute of Syladimir Scientific Research Institute Office Research Institute Office Research Institute Office Research Inst	
issledova wi sazy	
SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 88	
TOPIC TAGS: polyamide, polycondensation, emutation of obtaining polyamides by ABSTRACT: This Author Certificate presents a method for obtaining polyamides by ABSTRACT: This Author Certificate presents a method for obtaining polyamides by ABSTRACT: This Author Certificate presents a method for obtaining polyamides by ABSTRACT: This Author Certificate presents a method for obtaining polyamides by	
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그는 불 수지원용의 현대에 보다 생 작하는 사람들이 되었다. 그런 전에 가장하는 사람들이 사람들이 사람들이 사람들이 되었다. 사람들이 되는 사람들이 되었다는 사람들이 되었다. 그렇지?	
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CIA-RDP86-00513R001447410003-7 "APPROVED FOR RELEASE: 03/14/2001 5/080/61/074/009/075 026 D204/D305 158080 2209 1372 2409 Savinov, V.M., and Sokolow, L.B. The synthesis of some dismino-ethers and polyamides AUTHORS: PERIODICAL: Zhurnal prikladnoy khimii, v. 34, no. 9, 1961, TEXT: The problem was to obtain heat-stable polymers (e.g. polymers) for the chain has contained and marchant m TITLE: TEXT: The problem was to obtain next-stable polymers (e.g. pu-yami-des with aromatic nuclei in the chain) by a convenient method. The des with aromatic nuclei in the polymer chain gives to in-presence of aromatic nuclei in the polymer chain gives properties presence of aromatic nucled in the purymer chain gives to increased hardness which cancels out some good mechanical profession of nolymers. One of the methods of reduction this hardness. creased naraness which cancers out some good mechanical profers. of polymers. One of the methods of reducing this hardness is to of polymers. One of the methods in the polymer chair which is the polymer chair which is the polymer. of polymers. One of the methods of reducing this hardness is to the methods of reducing this hardness is the simple introduce a simple ether bond in the polymer chain the simple introduce a simple ether bond in the polymer which contain the simple introduced by synthesis from monomers which contain the simple introduced by synthesis from monomers which contains A 45-50 % yield ly effected by synthesis from monomers which contains A 45-50 % yield ether bond. The more expensive β, β'-di-horodiethyl ether. A 45-50 % yield ether bond. The more expensive β, β'-dichlorodiethyl ether. A 45-50 % yield ether bond which contains a follows: praced by "chrorex" -p,p'-alchrorodiethy ether. A 42-70 % yield was obtained, the method used being briefly described as 10-10Ws; card 1/3

27350 8/080/61/054/009/006/016 D204/D305

The synthesis of some diamino-ethers... D204/D305

A mixture of potassium phthalimide and "chlorex" was refluxed for 5-6 hours at 160-180° to obtain a viscous, brown mass which solibling and the residue consisting essentially of β,β'-diputhaliboiling, and the residue consisting essentially of β,β'-diputhaliboiling, and the residue consisting essentially of β,β'-diputhaliboiling, and there was extracted with alcohol, from which a fine mido-ethyl ether was deposited. This was recrystallized from alcohol grey powder was deposited. This was recrystallized from alcohol grey powder was deposited. This was recrystallized from alcohol grey powder was deposited. This was recrystallized from alcohol grey powder was deposited at a contact with potassium ny-(Compound I) by allowing it to stand in contact with potassium ny-droxide solution for 2-3 days, the solution being heated to dry-droxide solution for 2-3 days, the solution being heated to dry-droxide solution for 2-3 days, the solution being heated to gry-droxide method of reducing (Compound II) was prepared by the traditional method of reducing (Compound II) was prepared by the traditional method of reducing the dinitrodiphenyl compound had m.p. 185-186°. Polyterephthalichlydroxide of this compound I was used, and compound II being and hydrochloride of compound I was used, and compound II being and weaker base was subjected to polycondensation with the chlorathyweaker base was subjected to polycondensation with the chlorathyweaker base was subjected to polycondensation of relationships of viscosity and yield of polyphthalimide based on compound I to

Card 2/3

27350

8/080/61/034/009/016/016 The synthesis of some diamino-ethers... D204/D305

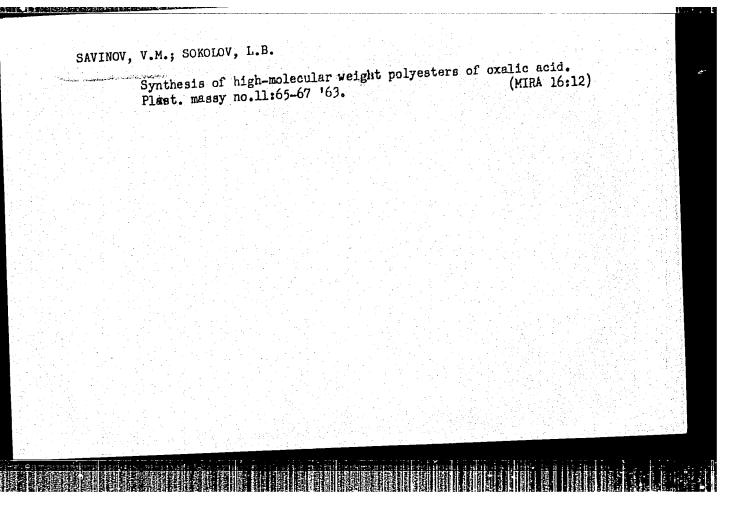
quantity of alkali in the aqueous phase; and cased on compound II to pH value of the medium. Thermomechanical tests showed that the polyamide based on compound I softens in the temperature racte 200-2300 and begins to melt above 2600; the polyamide based on compound II has a m.p. above 3400. Compounds with the simple edger bond as described are compared with to se containing the methylene group. There are 2 tables, 1 figure, and 6 references: 3 Soviete. bloc and 3 non-Soviet-bloc. The reference to the Inglish- anguage publication reads as follows: V.S. Shaehora, and W.M. Eareckson, J. Polymer Sci., XL, 343, 1959.

ASSOCIATION: Nauchno-issledovatel'skiy institut sintericheskikn smol. g. Vladimir (Scientific Research institute of

Synthetic Resins g. Vladimir;

SUBMITTED: November 4, 1960

Card 3/3



SAVINOV. V.M.; SCKOLOV, L.B.; PEDOROV, A.A.

Effect of the acidity of diols on the hydrolytic stability of oxalic acid polyesters. Vysokom. soed. 5 no.7:1335-1339 Jl.*64 (MIRA 18:2)

l. Vladimirskiy nauchno-issledovatel skiy institut sinteticheskikh smol.

L 57057-65 EPF(c)/EWP(j)/EWT(m)/T Pc-4/Pr-4 RM

ACCESSION NR: AP5013051 UR/0190/65/007/005/0772/0777
678.675

AUTHORS: Savinov, V. M.; Sokolov, L. B.

TITLE: Some specific features in the synthesis of aromatic polyamides in amic solvents

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 5, 1965, 772-777

TOPIC TAGS: organic synthesis, aromatic polyamide, polymerization,

ABSTRACT: The acylation of amines with acyl chlorides in dimethylformanide and dimethylacetamide was studied as part of an investigation on possible use of these solvents for synthesizing polyamides. The use of mixed solvents in the synthesis was also studied. Preliminary solution of the chlorides in dimethylacetamide and substitution of dimethylformamide for dimethylacedamide (because it is more accessible and cheaper) caused a sharp decrease in molecular weight of the polymer product. In the first case, the cause was found to be impurities: dimethylamine and water. Removal of the impurities solves this problem. For dimethylformamide it was found that side reactions are more aggressive than the main polymerization reaction, and for this reason this solvent must be considered

Card 1/2

L 57057-65

ACCESSION NR: AP5013051

unsuitable for producing molecules of high molecular weight. Partial substitution of chlorides of the diamines for the diamines proved to be possible without reduction of the molecular weight of the polymeric product. Complete replacement is not possible because of the limited solubility of the salts. This solubility may be improved, however, by using a solution containing the diamine in the solvent. In this way, up to 50% replacement was effected without reducing the weight of the resulting polymer. Increase in solubility of the salt is due to exchange of HCl between the salt and the diamine. Orig. art. has: 3 figures and 2 tables.

ASSOCIATION: Nauchno-issledovatel'skiy institut sinteticheskikh smol, Vladimir (Scientific Research Institute of Synthetic Resins)

SUBMITTED: 12Jun64

ENCL: 00

SUB CODE: OC, GC

NO REF SOV: 003

OTHER: 008

11*f)* Card 2/2

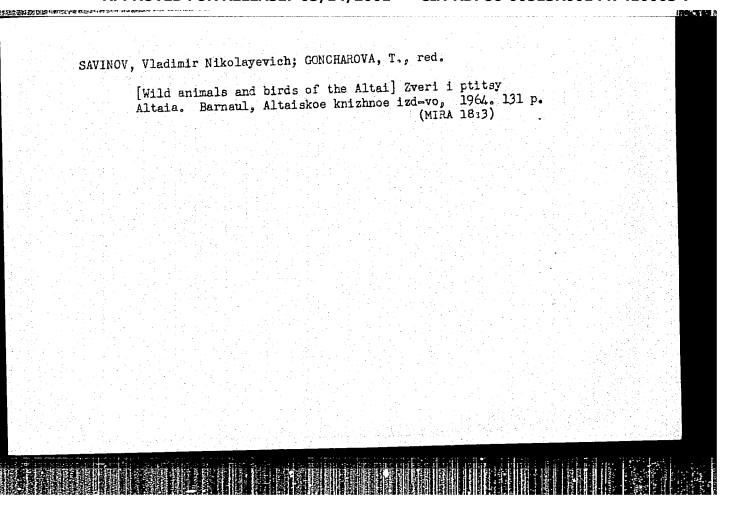
SAVINOV, V.M.; SCKOLOV, L.B.

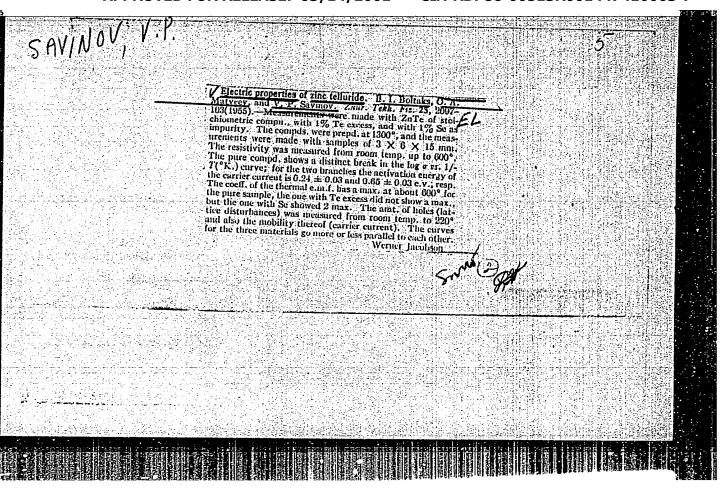
Obtaining the reaction sirups of aromatic polyamides suitable for the formation of fibers. Khim. volok. no.4;22-25 '65.

(MIRA 18:8)

1. Vladimirakly nauchno-insledovatel'skiy institut sinteticheskikh

smol.





D. 4

SAVINOU

Category: USCR/Itomic and holecular Physics - Heat.

Abs Jour : Ref Zhur - Fizike, No 3, 1957, No 6278

Author : Dul'nev, G.N., Savinov, V.F.

: On the Accurecy of Temperature Measurement with Semi-Title

conductor Hest-Sensitive Resistences.

Crig Fub : Issledovenya v oblasti tomlovykh. 1.-1., Mashgiz, 1956, 150 158

Abstract: Analysis of the error occurring in the measurement of a temperature with the eid of semiconductor thermoresistences,

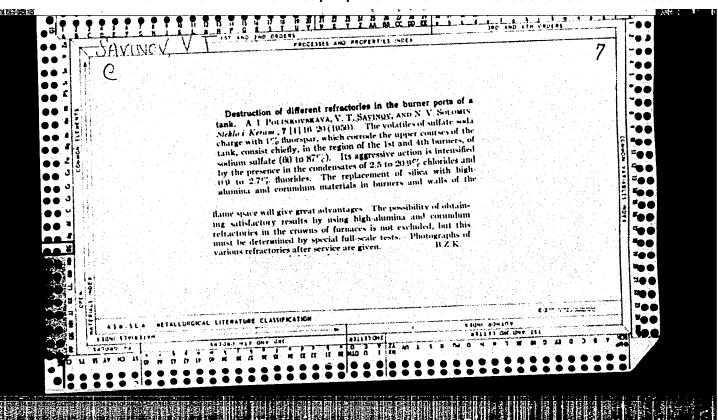
due to overheating of these resistences by the passage of the meesuring current that flows in en unbelanced Wheetstone bridge. A procedure is given for the design of the circuit for maximum sensitivity. Indications are given on the choice end calculation of the maximum permissible power dissipated in the thermoresistence and its connection with the overheating temperature. Gurves are given to illustrate the dependence of the overheating temperature on the permissible dissirction power for various types of semiconductor thermoresistences.

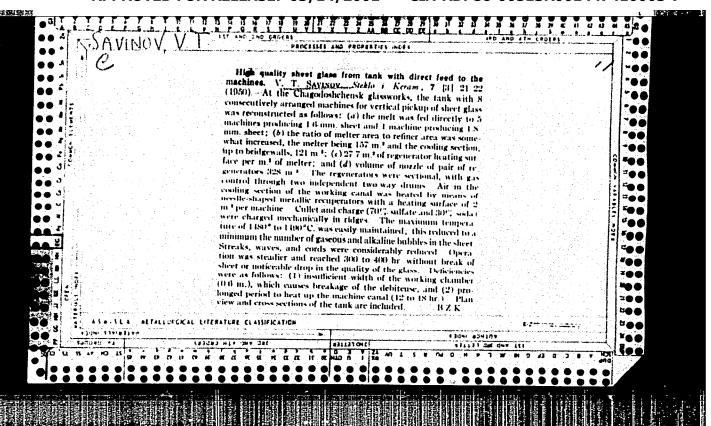
: 1/1 Card

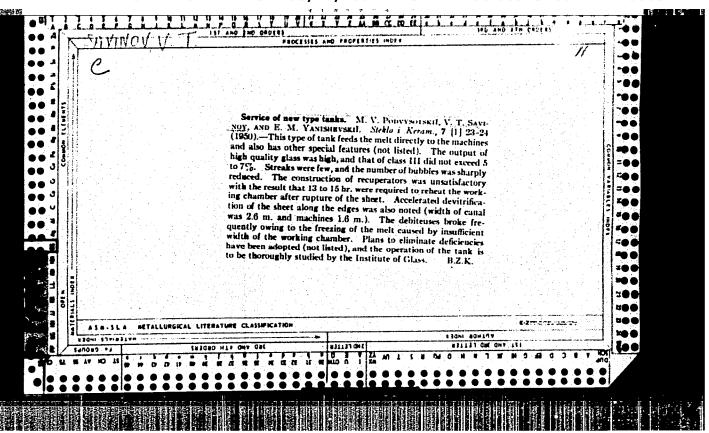
> CIA-RDP86-00513R001447410003-7" APPROVED FOR RELEASE: 03/14/2001

Instrument for measuring air moisture. Izv.vys.ucheb.zav.:
prib. no.3:125-128 '58. (MIRA 12:2)

1. Starshiy inzh. Leningradskogo instituta tochnoy mekhaniki i optiki. (Hygrometry)







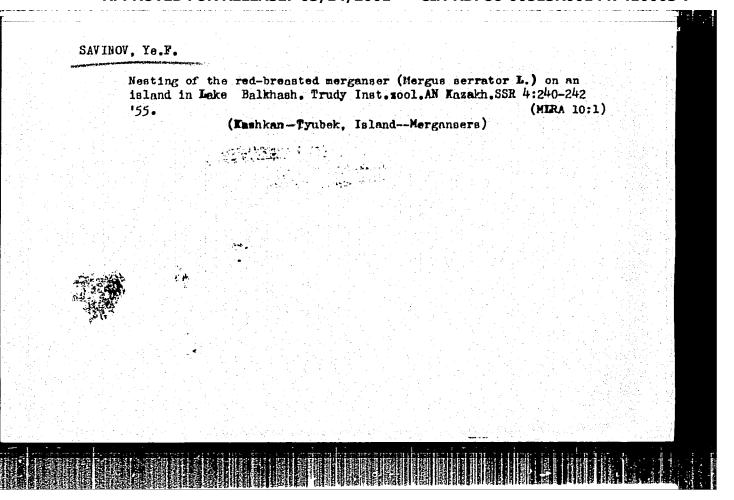
L 26034-65 EWT (1)/EEC (b)-2/EWA (b) \$/0286/64/000/020/0035/0035 ACCESSION NR: AP5006753 Slavinskiy, Z. M.; Savinov, V. V. Shekhodanov, M. P.; Ibragimov, Yu. M. TITLE: Assembly head for automatic setting up of radio components with axial outlets for printed circuit boards. Class 21, No. 1.65896 20 SOURCE: Byulleten' izobreteniy i tovarnykh znakov, 20, 1964, 35 B TOPIC TAGS: electronic component, automation, automation equipment TRANSLATION: An assembly head for automatic setting up of radio components with axial outlets for printed circuit boards, containing a matrix and punch, inside of which is guides is installed a withdrawing device, differs in that (with the goal of an increase of the precision of assembly of radio components with an irregular geometrical form) the operational part of the matrix is given a cone-shaped form, and the inside of the withdrawing device arrangement is connected with it by means of a spring fork. Orig. art. has: 1 figure. ASSOCIATION: Organizatsiya gosudarstvennogo komiteta po elektronnoy tekhnike (Organization of the State Committee on Electronic Engineering) ENCL: 00 SUB CODE: SUBMITTED: 11Jan63 JPRS OTHER: 000 NO REF SOV: 000 Card 1/1

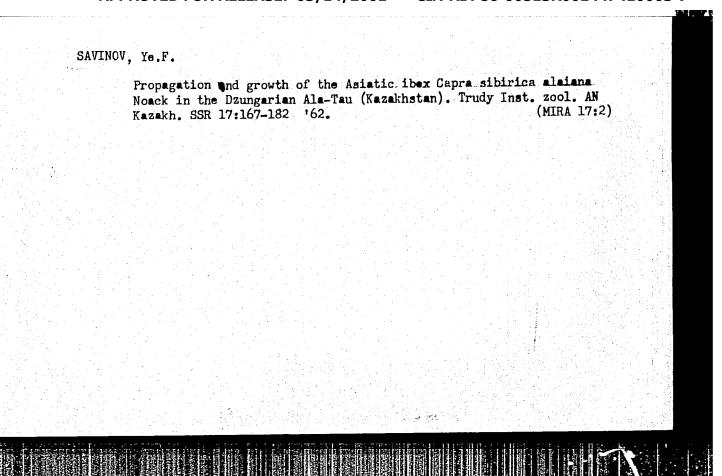
Materials on the ecology of the snow partridge (Tetraogallus himalayensis Sewertzowi Zar.) in the Trans-Ili Ala-Tau. Zool.zmr. 32 no.6:1234-1240

(MLRA 6:12)

1. Institut zoologii Akademii nauk Kazakhskoy SSR.
(Trans-Ili Ala-Tau-Partridges) (Partridges--Trans-Ili Ala-Tau)

N-D '53.





SAVINOV, Ye.F.

Migrations and diurnal activity of Asiatic ibex in Kazakhstan.
Trudy Inst. 2001. AN Kazakh. SSR. 23:197-207 '64.

(MIRA 17:11)

LUKIRSKIY, A. P.; SAVINOV, Ye. P.

Monochromator with a rotating diffraction grating for ultrasoft X radiation. Opt. i spektr. 13 no.6:846-848 D 62. (MIRA 16:1)

(Monochromator) (X rays)

5/051/63/014/002/016/026 E039/E120

AUTHORS:

Lukirskiy, A.P., and Savinov, Ye.P.

TITLE:

The use of diffraction gratings and echelettes in

the ultra-soft X-ray region

PERIODICAL: Optika i spektroskopiya, v.14, no.2, 1963, 285-294 Diffraction gratings and echelettes cut in glass are investigated with the object of finding the optimum conditions

for their use. All the gratings and echelettes have 600 lines/mm and were made in the Gosudarstvennyy opticheskiy institut (State Optical Institute). Coefficients of reflection are determined for monochromatic lines at 23.6, 34.4, 44, 67 and 113 A. The theory of reflection from gratings and echelettes is developed and compared with experimental results. It is shown that while the optimum conditions for ruling a grating or echelette for a particular wavelength can be calculated, if the coefficient of reflection is required over a wide range of wavelengths it must be determined experimentally. Echelettes give a lower reflection coefficient than gratings for wavelengths less than 60 Å while for wavelengths greater than 100 Å the converse is true.

CIA-RDP86-00513R001447410003-7"

APPROVED FOR RELEASE: 03/14/2001

The use of diffraction gratings ... S/051/63/014/002/016/026 E039/E120

There are 8 figures and 2 tables.

SUBMITTED: March 16, 1962

Card 2/2

5/051/63/014/002/017/026

AUTHORS: Lukirskiy, A.P., and Savinov, Ye.P.

The reflection of ultra-soft X-rays from glass and TITLE:

titanated surfaces

PERIODICAL: Optika i spektroskopiya, v.14, no.2, 1963, 295-298

TEXT: The object of coating a glass surface with a metallic layer is to exclude fine structure arising on reflection. Ti was found to be superior to Cr and Au in this respect. The absorption edge for Ti is located at 27.29 Å, hence for wavelengths greater than 30 Å fine structure in the reflection coefficient is excluded. The reflection coefficient was determined for a glass mirror (glass ϕ -1 (F-1) on which diffraction gratings are cut) and also for a Ti surface, prepared by evaporation in a vacuum. The apparatus used consisted of a monochromator, goniometric apparatus for obtaining reflection at different angles, and two Geiger counters; one for recording the intensity of incident radiation and the other for the reflected radiation. An X-ray tube was used as a source and the measurements were made at wavelengths corresponding to the K series of O, N, C, B, and Be at Card 1/2

The reflection of ultra-soft X-rays ... 5/051/63/014/002/017/026 E039/E120

23.6, 31.4, 44, 67 and 113 $\mbox{\ensuremath{\upalpha}}$ respectively. For all wavelengths except 31.4 $\mbox{\ensuremath{\upalpha}}$ a larger reflection coefficient is observed for the Ti surface than for glass. The fall in reflection coefficient at 31.4 $\mbox{\ensuremath{\upalpha}}$ is due to the proximity of the absorption edge. It follows that coating a grating with Ti will exclude fine structure in its reflection coefficient for wavelengths greater than $\sim 30~\mbox{\ensuremath{\upalpha}}$ without detracting from its performance as a grating and will also increase its reflection coefficient. There are 4 figures.

SUBMITTED: March 16, 1962

Card 2/2

L 11/128-65 EWT(1)/EWG(k)/EWT(m)/EPA(sp)-2/EPF(n)-2/EPR/EPA(w)-2/EEC(t)/T/
EWA/EWP(b) Pz-6/Pab-10/Ps-1/Pu-4 IJP(c) AT/JD/JG
ACCESSION NR: AP4048401 S/0181/64/006/011/3279/3287

AUTHORS: Savinov, Ye. P.; Lukirskiy, A. P.; Shepelev, Yu. F. &

TITLE: Concerning the external photoeffect of metallic photocathodes for radiation with wavelength 23.6--113 Angstrom

SOURCE: Fizika tverdogo tela, v. 6, no. 11, 1964, 3279-3287

TOPIC TAGS: x ray irradiation, photoeffect, secondary electron, angular distribution, aluminum, gold

ABSTRACT: The x-ray photoeffect was investigated in the ultrasoft

ABSTRACT: The x-ray photoerrect was investigated the dependence of region of the spectrum with an aim at determining the dependence of the radiation on the the quantum yield on the angle of incidence of the radiation on the photocathode, and at measuring the quantum yields of various subphotocathode, and at measuring the quantum yields of various subphotocathode. The monochromatic K lines of O, N. C, B, and Be and photocathodes of Al and Au were used. The procedure used to determine

Card 1/3

L 11428-65 ACCESSION NR: AP4048401

the absolute quantum yields was similar to that described by the authors elsewhere (Opt. is spektr. v. 9, 505, 1960), but using an improved proportional counter and a more careful choice of the supply voltage for the secondary electron multiplier. The monochromator employed was also similar to one previously used (Opt. i spektr. v. 13, 846, 1962). The experiments have shown that to describe the xray photoeffect it is essential to take account of the refraction of the beam in the photocathode, especially at small incidence angles, when reflection takes place. For ultrasoft x-rays, the electron flux attenuates exponentially almost in all cases, except at very small angles incidence, when the deviation from the exponential attenuation can be used to estimate the thickness of the layer from which electrons can be emitted without attenuation. These data agree well with those of H. Kanter and E. J. Sternglass (Phys. Rev. v. 126, 620, 1962). The formula derived for the quantum yield also agrees with the experimental results. Orig. art. has: 8 figures, 4 formulas, and 2 tables.

Card 2/3

ASSOCIATION: Leningrad State University)	skiy gosudarstvenny*y unive		
SUBMITTED: 22May64		ENCL: 00	
SUB CODE: OP, SS	NR REF SOV: 009	OTHER: 005	
보고에 하는데 이 경우를 가는 그리다운 보이었			

ACCESSION NR: AP4020935

S/0051/64/016/002/0310/0319

AUTHOR: Lukirskiy, A.P.; Savinov, Ye.P.; Yershov, O.A.; Shepelov, Yu.F.

TITLE: Reflection coefficients for radiation with wavelengths of 23.6 to 113 Angstrom for a number of elements and substances and determination of the refraction indices and absorption coefficients

SOURCE: Optika i spektroskopiya, v.16, no.2, 1964, 310-319

TOPIC TAGS: reflection coefficient, absorption coefficient, titanium, beryllium, carbon, aluminum, chromium, gold, silver, germanium, lithium fluoride, magnesium fluoride, strontium fluoride, potassium chroride, polystyrene

ASBTRACT: In view of the interest in reflection of ultrasoft x-radiation from different substances that can be used for coating diffraction gratings and other optical components, in the present study there were determined experimentally the values of the total external reflection coefficient R of Be,C,Al,Ti,Cr,Ge,Ag,Au,LiF, MgF2,KCl,SrF2, polystyrene and F-1 type glass as a function of the angle of incidence (mostly glancing angles in the range under 10°) for radiation of wavelengths 23.6, 31.4, 44, 67 and 112 Å. These are the wavelengths of the KX lines of O,N,C,B

Card /3

ACCESSION NR: AP4020935

and Be. The measurements were carried out using a modification of the setup and procedure employed earlier (A.P.Lukirskiy and Yc.P.Savinov, Opt.i spektr., 14,295, 1963). The materials for the most part were in the form of 1000 A thick coatings vacuum evaporated onto glass plates; the halide layers were deposited over undercoatings of Al or Au on glass, mainly to provide the requisite conductivity for subsequent absorption measurements. The results for R are presented in the form of curves (R versus angle of incidence) and in a table. The reflection curves were then used for calculating the index of refraction and the absorption coefficient by means of the usual Fresnel formulas; the results are tabulated. To check the validity of the calculations and accuracy of the results, the absorption coefficients of some of the coatings for the same characteristic wavelengths were measured directly by the transmission method. The results are consistent, but the direct absorption values are systematically higher than the values deduced from the reflection curves. A similar divergence was obtained for copper layers by L.G.Parratt (Phys.Rev., 95, 359, 1954), who attributed it to decrease in density of the substance with approach to the surface; this is also assumed to be the reason for the divergences observed in the present case. The results are discussed briefly in a final section. Orig.art. 7 formulas, 10 figures and 3 tables.

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AUTHOR: Lukirskiy, A.P.; Savinov, Ye.P.; Bry*tov, I.A.; Shepelev, Yu.F.

TITLE: Efficiency of secondary electron multipliers with Au, LiF, MgP2, SrF2, BeO, KCl and CsI photocathodes in the 23.6 to 113 Angstrom region Report, Seventh Conference on X-Ray Spectroscopy held in Yerevan 23 Sep to 1 Oct 19637

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TOPIC TAGS: x-ray detection, radiation detector, electron multiplier, photocathode, photocathode efficiency

ABSTRACT: The quantum efficiency of Au, LiF, MgF2, SrF2, BeO, KCl and CsI photocathodes were measured in secondary electron multipliers throughout the ultrasoft x-ray region from 23.6 to 113 A and at grazing angles from 40 to 400 (angles of inciral region from 500 to 860). An absolute accuracy of 15% is claimed for the measurements, and the data presented (except those for the BeO photocathodes, which were not reproducible) are recommended for absolute x-ray intensity measurements to this accuracy. The gold photocathodes were included for comparison, and the other materials were selected as the most efficient photocathodes that are not poisoned by air. The

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LiF, MgF2, SrF2, KCl and CsI photocathodes were vacuum deposited on Al films on glass. The BeO photocathodes were prepared by oxidizing a film of Be, vacuum deposited on W or Mo. The BeO photocathodes prepared in this way were not reproducible, however, and only the data for the most efficient BeO photocathode are given. The thickness of the photocathodes was determined interferometrically. The thickness of the Au cathode was 1000 R; that of the CsI cathode, 5500 R; and the remaining photocathodes were 2500 R thick. These thicknesses are greater than the depth from which the photoelectrons can emerge. Tungsten bremsstrahlung was employed for the measurements. The x-ray intensity was measured with an alcohol-argon Geiger counter and a methane proportional counter. The efficiencies of the counters were determined from absorption measurements, data of A.P.Lukirskiy and T.M.Zimkina (Izv.AN SSSR, Ser.fiz.27,104,1963) being employed for the alcohol-argon counter. Curves are presented showing the quantum efficiency of each photocathode at several selected wavelengths as a function of the grazing angle. Most of these curves have a rather sharp maximum at some small grazing angle and are otherwise smooth. Curves are also presented showing the quantum efficiency of each photocathode at 200 grazing angle as a function of the wavelength. These curves show marked fine structure near the absorption edges of the cathode materials but are reasonably smooth between. It is recommended that for any specific application a photocathode be selected for which the

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